In the United States Patent and Trademark Office

Serial Number:
Appn. Filed: October 2, 2003
Applicant(s):Nils Krahnstoever, Emilio Schapira, Rajeev Sharma, Namsoon Jung
Appn. Title: METHOD AND APPARATUS FOR PROVIDING VIRTUAL TOUCH INTERACTION IN THE DRIVE-THRU
Examiner/GAU:

Mailed: October 2, 2003
At: State College, PA

Information Disclosure Statement

Commissioner for Patents
Washington, District of Columbia 20231

Sir:

Attached is a completed Form PTO/SB/08(A&B) and copies of the pertinent parts of the references cited thereon. Following are comments on any non-English-language references pursuant to Rule 98:

Very respectfully,
Applicant(s):

Enc.: PTO-1449 & References
c/o: Rajeev Sharma, Applicant Pro Se
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Certificate of Mailing

I certify that this correspondence will be deposited with the United States Postal Service as first class mail with proper postage affixed in an envelope addressed to: "Commissioner for Patents, Washington, DC 20231" on the date below.

Date: October 2, 2003 _____, Applicant

PTO/SB/08A (02-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	
Filing Date	October 2, 2003
First Named Inventor	Nils Krahnstoever
Art Unit	
Examiner Name	
Attorney Docket Number	AI-0011-VTO

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4392119	Jul. 5, 1983	Price et al.	340/38 L
		US- 4862639	Sept. 5,1989	Leach et al.	49/122
		US- 4884662	Dec. 5,1989	Cho et al.	186/36
		US- 4975960	Dec. 4, 1990	Petajan	381/43
		US- 5012522	Apr. 30,1991	Lambert	382/2
		US- 5168354	Dec.1,1992	Martinez et al.	358/93
		US- 5235509	Aug. 10,1993	Mueller et al.	364/405
		US- 5353219	Oct. 4,1994	Mueller et al.	364/405
		US- 5636463	Jun. 10,1997	Sharon et al.	40/618
		US- 5715325	Feb. 3,1998	Bang et al.	382/118
		US- 5937386	Aug.10,1999	Frantz	705/1
		US- 6026375	Feb. 15,2000	Hall et al.	705/26
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		US- 6301370	Oct. 9,2001	Steffens et al.	382/103
		US- 6404900	Jun. 11,2002	Qian et al.	382/103
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		US- 60/402,817	Aug.12,2002	Sharma	
		US- 2001/0002467A1	May. 31,2001	Ogo	705/1

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		HARVILLE, GORDON, & WOODFILL, Proc. of IEEE Workshop on Detection & Recpgnition, July 2001	
		R. JAIN AND R. KASTURI, Machine Vision, McGraw-Hill, 1995	
		KRAHNSTOEVER, KETTEBEKOV, YEASIN, & SHARMA, Dept. of Comp. Science & Eng. Tech Rprt, 2002	
		OSUNA, FREUND & GIROSI, Proc. IEEE Conf. Comp. Vision & Pattern Recognition pp 130 - 137 1997	
		RIDDER, MUNKELT, & KIRCHNER, ICRAM 95 UNESCO Chair on Mechatronics, 193 - 199, 1995	
		ROWLEY, BALUJA, & KANADE, IEEE Trans. Pattern Analysis & Machine Intelligence, vol 20, no. 1 1998	
		SHARMA, PAVLOVIC' & HUANG, Proc. of IEEE 86(5): 853-869 May 1998	
		STAUFFER & GRIMSON, Comp. Vision & Pattern Recognition, vol. 2, pp 246-253, June 1999	
		YANG, KRIEGMAN, & AHUJA, IEEE Trans. Pattern Analysis & Machine Intelligence, vol. 24, no.1, Jan 02	

Examiner Signature		Date Considered	

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